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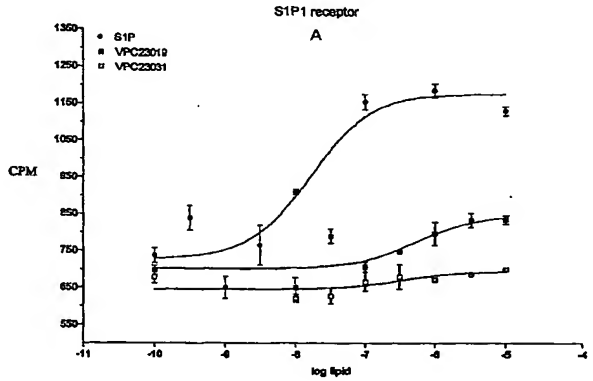
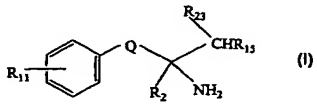
(54) Title: ORALLY AVAILABLE SPHINGOSINE 1-PHOSPHATE RECEPTOR AGONISTS AND ANTAGONISTS





(I)

(57) Abstract: The present invention relates to S1P analogs that have activity as S1Preceptor modulating agents and the use of such compounds to treat diseases associated with inappropriate S1P receptor activity. The compounds have the general structure (I) wherein R_{11} is C_5-C_{18} alkyl or C_5-C_{18} alkenyl; Q is selected from the group consisting of C_3-C_6 optionally substituted cycloalkyl, C_3-C_6 optionally substituted heterocyclic, C_3-C_6 optionally substituted aryl C_3-C_6 optionally substituted heteroaryl and; R_2 is selected from the group consisting of H, C_1-C_4 alkyl, (C_1-C_4 alkyl)OH and (C_1-C_4 alkyl)NH_2; R_{23} is H or C_1-C_4 alkyl, and R_{15} is a phosphonate ester or a phosphate ester or a pharmaceutically acceptable salt or tautomer thereof.

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